

**Abstract of the Disclosure**

An electronic camera apparatus comprises: an A/D unit 4 obtaining captured image data by A/D converting an image signal obtained by capturing an image; a preprocessing unit A 5a executing a preprocess for generating image data to be recorded from the captured image data; a preprocessing unit B 5b, which is allowed to execute a process in parallel with the preprocess executed by the preprocessing unit A 5a, executing a preprocess that includes a filter process and a pixel number conversion process in order to generate image data to be displayed, whose data amount is smaller than the image data to be recorded, from the captured image data; a buffer memory 9 temporarily storing both image data for which the preprocess is executed by the preprocessing unit A 5a, and image data for which the preprocess is executed by the preprocessing unit B 5b; and a processing unit 5c executing an image process for making recording and a display, which are related to the captured image data, based on the image data to be recorded and displayed, which are stored in the buffer memory 9.